

Message

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**From:** d'Almeida, Carolyn K. [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=9EC4401AFA1846DD93D52A0DDA973581-CDALMEID]  
**Sent:** 5/2/2016 2:24:42 PM  
**To:** Davis, Eva [Davis.Eva@epa.gov]; Dan Pope [DPope@css-dynamac.com]  
**CC:** Wayne Miller [Miller.Wayne@azdeq.gov]  
**Subject:** RE: Williams - ST012 - Initial EBR Drilling Plan

Yeah – I think she will, but we should also push this now to keep extraction system going.

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**From:** Davis, Eva  
**Sent:** Monday, May 02, 2016 7:21 AM  
**To:** d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>; Dan Pope <DPope@css-dynamac.com>  
**Cc:** Wayne Miller <Miller.Wayne@azdeq.gov>  
**Subject:** RE: Williams - ST012 - Initial EBR Drilling Plan

You bring up a really good point about continuing to extract while it is hot – something that should have come up before this, really. What are the chances that Cathy will spring into action now?

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**From:** d'Almeida, Carolyn K.  
**Sent:** Friday, April 29, 2016 5:03 PM  
**To:** Davis, Eva <Davis.Eva@epa.gov>; Dan Pope <DPope@css-dynamac.com>  
**Cc:** Wayne Miller <Miller.Wayne@azdeq.gov>  
**Subject:** RE: Williams - ST012 - Initial EBR Drilling Plan

I just talked to her – she took it well and appreciated the insight. Something else we discussed – is it really a good idea to shut off the extraction system after the agencies had already expressed so much concern over potential loss of containment and spreading of the plume, which amec does not appear to be evaluating in their drilling program? Recalling that the water table is up within the more transmissive cobble zone, the site is still hot and contaminants more fluid, if we are not pulling them back with extraction system, what is preventing spread of contaminants downgradient now? After the TEE pilot AF was pumping those wells with the containment “study” to prevent spread of contaminants. Cathy did seem to be concerned about that when I mentioned it and I think she will exert some pressure too if we push this.

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**From:** Davis, Eva  
**Sent:** Friday, April 29, 2016 2:35 PM  
**To:** d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>; Dan Pope <DPope@css-dynamac.com>  
**Cc:** Wayne Miller <Miller.Wayne@azdeq.gov>  
**Subject:** RE: Williams - ST012 - Initial EBR Drilling Plan

Something said over a beer, though – anything goes then – may be a better way to give her the message

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**From:** d'Almeida, Carolyn K.  
**Sent:** Friday, April 29, 2016 4:33 PM  
**To:** Davis, Eva <Davis.Eva@epa.gov>; Dan Pope <DPope@css-dynamac.com>  
**Cc:** Wayne Miller <Miller.Wayne@azdeq.gov>  
**Subject:** RE: Williams - ST012 - Initial EBR Drilling Plan

I have to tell Cathy. This reminds me of what Rick Newell pulled when he overran the budget for TEE by a million dollars and then found a new job just as AF finally found out what happened.

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**From:** d'Almeida, Carolyn K.  
**Sent:** Friday, April 29, 2016 2:22 PM  
**To:** Davis, Eva <[Davis.Eva@epa.gov](mailto:Davis.Eva@epa.gov)>; Dan Pope <[DPope@css-dynamac.com](mailto:DPope@css-dynamac.com)>  
**Cc:** Wayne Miller <[Miller.Wayne@azdeq.gov](mailto:Miller.Wayne@azdeq.gov)>  
**Subject:** RE: Williams - ST012 - Initial EBR Drilling Plan

Wow.. "they" referring to AF? After amec is no longer responsible and has walked off with the profits?

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**From:** Davis, Eva  
**Sent:** Friday, April 29, 2016 2:13 PM  
**To:** d'Almeida, Carolyn K. <[dAlmeida.Carolyn@epa.gov](mailto:dAlmeida.Carolyn@epa.gov)>; Dan Pope <[DPope@css-dynamac.com](mailto:DPope@css-dynamac.com)>  
**Cc:** Wayne Miller <[Miller.Wayne@azdeq.gov](mailto:Miller.Wayne@azdeq.gov)>  
**Subject:** RE: Williams - ST012 - Initial EBR Drilling Plan

Oh -- one other thing I should pass on. Don told him over a beer that who knows, in 3 years they may be back doing more thermal.

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**From:** d'Almeida, Carolyn K.  
**Sent:** Friday, April 29, 2016 4:09 PM  
**To:** Davis, Eva <[Davis.Eva@epa.gov](mailto:Davis.Eva@epa.gov)>; Dan Pope <[DPope@css-dynamac.com](mailto:DPope@css-dynamac.com)>  
**Cc:** Wayne Miller <[Miller.Wayne@azdeq.gov](mailto:Miller.Wayne@azdeq.gov)>  
**Subject:** RE: Williams - ST012 - Initial EBR Drilling Plan

Well we are now entering the faith based portion of the remedy.. Which reminds me I need to get that bottle of holy water into the mail.

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**From:** Davis, Eva  
**Sent:** Friday, April 29, 2016 2:04 PM  
**To:** d'Almeida, Carolyn K. <[dAlmeida.Carolyn@epa.gov](mailto:dAlmeida.Carolyn@epa.gov)>; Dan Pope <[DPope@css-dynamac.com](mailto:DPope@css-dynamac.com)>  
**Subject:** RE: Williams - ST012 - Initial EBR Drilling Plan

I just talked to Gorm -- he said they have been told to start shutting down the extraction system. He was surprised we didn't push back on it more on the last call, I said I don't think there is anything we can say that will stop them.

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**From:** d'Almeida, Carolyn K.  
**Sent:** Friday, April 29, 2016 3:37 PM  
**To:** Davis, Eva <[Davis.Eva@epa.gov](mailto:Davis.Eva@epa.gov)>; Dan Pope <[DPope@css-dynamac.com](mailto:DPope@css-dynamac.com)>  
**Subject:** FW: Williams - ST012 - Initial EBR Drilling Plan

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**From:** Pearson, Stuart C. [<mailto:stuart.pearson@amecfw.com>]  
**Sent:** Friday, April 29, 2016 6:30 AM  
**To:** 'JERRARD, CATHERINE V GS-13 USAF HAF AFCEC/CIBW' <[catherine.jerrard@us.af.mil](mailto:catherine.jerrard@us.af.mil)>; ' (Geoffrey.Watkin@cn-bus.com)' <[Geoffrey.Watkin@cn-bus.com](mailto:Geoffrey.Watkin@cn-bus.com)>; d'Almeida, Carolyn K. <[dAlmeida.Carolyn@epa.gov](mailto:dAlmeida.Carolyn@epa.gov)>; 'Wayne Miller' <[Miller.Wayne@azdeq.gov](mailto:Miller.Wayne@azdeq.gov)>  
**Cc:** Steve Willis <[steve@uxopro.com](mailto:steve@uxopro.com)>; Devon Phelan <[dphelan@terratherm.com](mailto:dphelan@terratherm.com)>; Minnier, Gwen E <[gwen.minnier@amecfw.com](mailto:gwen.minnier@amecfw.com)>; Smallbeck, Donald R. <[donald.smallbeck@amecfw.com](mailto:donald.smallbeck@amecfw.com)>  
**Subject:** Williams - ST012 - Initial EBR Drilling Plan

For information, please find attached a drilling plan for the initial couple of weeks of EBR well installation. We will be drilling using a 10-day on/4-day off schedule. The drillers will mobilize to ST012 on Monday with drilling expected to start on the UWBZ33/LSZ48 and UWBZ32/LSZ47 locations on 3 May. After those wells are complete we will most likely move to LSZ49 and LSZ50. There is a small chance, depending on the timing for availability of a mini-rig, that we would move to LSZ45 and LSZ46 instead in the 2<sup>nd</sup> week (near W37). Also note that we have moved the location UWBZ28/LSZ51 on this figure to the east from where it is shown in the Draft Final Addendum #2 to avoid conflicts with overhead utilities.

We will continue to provide updates as the drilling progresses.

Stu

**Stuart Pearson, P.E.**

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